



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**Area A Economic Development Commission
OPEN MEETING AGENDA**

2:30 p.m. PT

Tuesday, August 4, 2026

Location: Hybrid Model – In-person and Remote

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote.

Join by Video:

<https://rdck-bc-ca.zoom.us/j/93079902753?pwd=1DnbzulpvRtHNZyPqjp7NKEtfgkuO3.1>

Join by Phone:

1-778-907-2071 Canada Toll-free

Meeting ID: 930 7990 2753

Meeting Password: 881036

In-Person Location: 15047 Highway 3A, Gray Creek Hall

COMMITTEE MEMBERS

Director G. Jackman	Area A
Commissioner G. MacMahon	Kootenay Bay
Commissioner G. Medhurst	Crawford Bay – Chair
Commissioner P. Cullinane	Boswell
Commissioner F. Demman	Wynndel
Commissioner R. Bertram	Crawford Bay/Gray Creek

STAFF PRESENT

Robin Baril	Meeting Coordinator
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____ out of ____ voting Commission/Committee members were present – quorum was met.

1. CALL TO ORDER

Chair Medhurst called the meeting to order at [Time] p.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the Indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

RECOMMENDATION

The agenda for the August 4, 2026, Area A Economic Development Commission meeting, be adopted as circulated.

4. RECEIPT OF MINUTES

The July 7, 2026 Area A Economic Development Commission minutes, have been received.

5. OLD BUSINESS

5.1 Kootenay Lake Geothermal Funding Request

Commissioner MacMahon will present a funding request to the Commission to further the work of the South Kootenay Lake Community Services Society.

6. PUBLIC TIME

The Chair will call for questions from the public at [Time] p.m.

7. NEXT MEETING

The next Area A Economic Development Commission meeting is scheduled for September 8, 2026 at 2:00 PT.

8. ADJOURNMENT

RECOMMENDATION

The Area A Economic Development Commission meeting be adjourned at [Time] p.m.



REGIONAL DISTRICT OF CENTRAL KOOTENAY
AREA A ECONOMIC DEVELOPMENT COMMISSION
OPEN MEETING MINUTES

2:00 p.m. PT

Tuesday, July 7, 2026

Location: Hybrid Model – In-person and Remote

ZOOM REMOTE MEETING INFO

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote.

Join by Video:

<https://rdck-bc-ca.zoom.us/j/93079902753?pwd=1DnbzulpvRtHNZyPqip7NKEtfkguO3.1>

Join by Phone:

+1-778-907-2071 Canada

Meeting ID: 930 7990 2753

Meeting Password: 881036

In-Person Location: Kokanee Springs Resort – lower level of the 1st Lodge building at the rear of the building, 16083 Woolgar Road, Crawford Bay, BC

COMMISSION MEMBERS PRESENT

Director G. Jackman	Area A
Commissioner G. Medhurst	Crawford Bay – Chair
Commissioner G. MacMahon	Kootenay Bay
Commissioner R. Bertram	Crawford Bay/Riondel
Commissioner P. Cullinane	Boswell
Commissioner F. Demman	Wynndel

STAFF PRESENT

R. Baril	Meeting Coordinator
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6 out of 6 voting Commission/Committee members were present – quorum was met.

1. CALL TO ORDER

Chair Medhurst called the meeting to order at 2:01 p.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the Indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

Moved and seconded,
and resolved:

The agenda for the July 7, 2026 Area A Economic Development Commission meeting, be adopted as circulated.

Carried

4. RECEIPT OF MINUTES

The June 2, 2026 Area A Economic Development Commission minutes, have been received.

**ORDER OF AGENDA
CHANGED**

The order of Business was changed at this time due to the Kootenay Lake Chamber of Commerce not being able to attend, with Item 5.2 Kootenay Lake Geothermal Update considered at this time.

5. OLD BUSINESS

5.2 Kootenay Lake Geothermal Update

Commissioner MacMahon gave an update on the project. The data collected during the survey is being examined with a prominent trend emerging, and arrangements are being made to send the data to a 3rd party to integrate into 3D modeling. South Kootenay Lake Community Services Society Services is planning on moving forward to do targeted test wells. And they are actively looking into further funding resources to carry the project forward into the next phases.

Community engagement is being planned for the fall 2026.

5.1 Kootenay Lake Chamber of Commerce

This item will be added to the September 8, 2026 Area A Economic Development Commission agenda.

6. PUBLIC TIME

The Chair called for questions from the public at 2:32 p.m.

No questions from the public or media.

7. NEXT MEETING

The next Area A Economic Development Commission meeting is scheduled for September 8, 2026 at 2:00 p.m. PT.

8. ADJOURNMENT

Moved and seconded,
and resolved:

The Area A Economic Development Commission meeting be adjourned at 2:36 p.m.

Carried

Digitally approved by

Chair Gina Medhurst



REGIONAL DISTRICT OF CENTRAL KOOTENAY

Area A – Economic Development Commission

Grant Application

Contact Information:	
Organization Applying: (This is the name that will appear on the cheque issued from RDCK and is recognized on the organization's bank account.)	Date:
Mailing Address:	Amount of Financial Aid Requested: \$
City, Province:	Project Start Date:
Postal Code:	Project End Date:
Contact Person:	Contact Phone #:
Contact Email:	Contact Fax #:

About Your Proposal:
Brief Summary of Proposal:
Will this proposed activity/project be advertised and if so, how?
How will the support from Area A EDC be recognized?

Return completed application and supporting documents by email to info@rdck.bc.ca

Please see page 2 for instructions on how to complete this application.



REGIONAL DISTRICT OF CENTRAL KOOTENAY

Area A – Economic Development Commission

Grant Application

Instructions for completing the Area A Economic Grant Application:

On a separate page, please outline your project plan in detail, including answers to the following:

1. What is the purpose and goal(s) of the project?
2. How does this support and help to develop the local economy or add value to the community?
3. Does this compete with already established groups or businesses?
4. How many people will be involved? Will there be a fee charged to those people?

Please list other organizations or businesses that support your idea, and attach any letters of support.

Please give brief bio/credentials of the main project leader(s).

Please attach a balanced budget for the project showing the following:

1. Show how the grant monies will be allocated
2. List other sources and amounts of funding – multiple sources are encouraged.
3. List all anticipated expenses associated with the project plan
4. If you are hiring a contractor, include one or more quotes for the project.
5. If this is not the first year for the project, please attach an Income-Expense Statement from last year.

The sponsoring society is required to provide a general statement of income and expenses for the past fiscal year. Any monies received from Area A EDC must be expended on the grant proposal within one year from the date of receipt of funds. RDCK may request copies of all receipts.

EDC will request a final report on the project within 6 months of completion, including a final Income-Expense statement showing how grant monies have been spent, and a statement about how the project did or did not complete the stated goals.

Questions?

Please call Garry Jackman, Electoral Area Director, at (250) 223-8463 or email to info@rdck.bc.ca

Kootenay Lake Geothermal (SKLCSS), Area A – Economic Development Commission Grant Application, August 2026

What is the purpose and goal(s) of the project?

The Kootenay Lake geothermal project team have been exploring, researching, and documenting the Crawford Bay/Riondel area of Kootenay Lake using Geological, Geophysical, Geochemical and Geospatial technologies from 2021-2026. The scientific data supports the existence of a regional elevated geothermal gradient highlighting a resource that exhibits sufficient heat content and sustainable flow rates to facilitate low carbon Direct heat applications and localized power installations.

Following the acquisition of airborne geophysical (MobileMT) data in May 2026, over a broad area on the east shore between Kootenay Bay and Riondel, further geophysical data processing and interpretation are required to fully understand the results and the implications for potential testing and ultimately possible future development.

How does this support and help to develop the local economy or add value to the community?

The small communities along the east shore of Kootenay Lake are seeing an aging population and are struggling to attract new residents, in particular young families, for a large part, due to the lack of new economic opportunities in the area. However, given the natural beauty of the valley and the abundant recreation opportunities, new residents are typically part-time or summer residents only, leaving the community dormant and essentially closed in the off season. This seasonal 'high' is often barely enough to support the small business struggling to survive with a part time revenue stream through the year. This is evident in the number of local businesses currently for sale. The area desperately needs a small community-based venture to attract investment, invigorate the local population, diversify the economy, support year-round activities and spawn new business opportunities/ employment.

A successful geothermal project at Kootenay Lake would advance a renewable energy transition addressing food security, workforce development, local purchasing and procurement, community economic vitality, technology adoption, resident attraction and energy resilience.

Does this compete with already established groups or businesses?

The precise form of the potential geothermal energy development will be determined based on the resource encountered (Temperature & Flow Rate) and the location. The objective is to target a shallow zone for direct-heat use and upon success advance a deeper geothermal power objective. A renewable geothermal heat development could heat buildings and support a resort/wellness center development and/or a geothermal greenhouse as a couple examples. This type of development is seen to support existing groups and businesses and not compete directly with them.

How many people will be involved? Will there be a fee charged to those people?

Currently the Kootenay Lake Geothermal (KLG) project is volunteer driven with three key proponents. It is anticipated that by 2027 this initiative will take on a more formal corporate structure so that a geothermal permit can be acquired. Until that time the KLG project will remain volunteer driven and coordinated through SKLCSS.

We have been engaged with the Lower Kootenay Band (Yaqan Nukiy) of the Ktunaxa First Nation regarding potential geothermal energy opportunities. The Yaqan Nukiy have indicated they will engage a consultant to assist with community consultation and to conduct a technical review to determine if the Yaqan Nukiy want to participate.

We remain committed to pursuing meaningful Indigenous participation as the project advances. The immediate objective is to secure geothermal tenure and continue resource evaluation while Indigenous engagement and partnership discussions evolve. No specific development pathway has been determined, and additional exploration is required to better understand the resource and its potential.

Groups being considered for the 3D inversion processing

Expert Geophysics: Expert Geophysics specializes in airborne electromagnetics, supported by complementary magnetics and optional gamma-ray spectrometry. They deliver end-to-end surveys, from design and data acquisition to processing, inversion, and interpretation, to provide decision-ready results worldwide. They provide full data processing, imaging, and interpretation services; conduct detail analysis of the collected data; supply resistivity-depth products – models, sections, depth slices; integrate information and interpret it.

Computational Geosciences Inc (CGI): Computational Geosciences utilize advanced proprietary in-house technologies to solve subsurface problems. Their proprietary joint, constrained and multi-parameter inversion codes integrate diverse geophysical datasets into a single cohesive 3D model, simultaneously solving across multiple physical properties while applying geological constraints to eliminate implausible solutions.

Geophysical consultants being considered to complete interpretation work

Dr. Jeff Witter: Dr. Witter has diverse experience in the earth sciences, in both academia and industry, with a background in both geology and geophysics. His professional work has been focused on exploration for geothermal, groundwater, mineral, and petroleum resources. His philanthropic work focuses on raising funds to support instrumental monitoring of dangerous volcanoes in developing countries.

Dr. Mark Coolbaugh: Dr. Coolbaugh is a Research Assistant Professor at the Great Basin Center for Geothermal Energy and the Department of Geological Sciences, University of

Nevada, Reno. He received his Ph. D., Geology, in 2003, from the University of Nevada, Reno. He specializes in regional assessment of exploration potential for geothermal systems in Nevada using Geographic Information Systems (GIS), airborne and satellite remote sensing data, and field surface temperature measurements using shallow contact probes.

Brief bio/credentials of project lead

Mr. MacMahon graduated from the University of Calgary with a BSc (geology) in 1978. His career, spanning over 40 years, was primarily petroleum focused, starting in entry level positions and working up to management in the early 1990's followed by executive positions later in his career. During this time, he worked on subsurface exploration and development domestically and internationally with several years in corporate development where he provided geo-technical expertise as part of an M&A team. While working full-time, Mr. MacMahon completed a Master's degree in Environment and Management in 2006, at Royal Roads University in Victoria. In the later part of his career, he led a geoscience team on international mandates in India and Australia, coordinating a full spectrum of exploration and development activities on both offshore and onshore permits.

Following his retirement in 2019, Mr. MacMahon initiated research into the geothermal potential of the Central Kootenay region of SE British Columbia completing funding to allow for the execution of project field work from 2022 through to 2026. His work on the project, alongside two other retired area geologists, has seen successful technical collaboration involving the University of Victoria, the University of Calgary, the University of Ottawa and Selkirk College. To date the project has been funded by Geoscience BC, the Regional District of Central Kootenay, BC's Rural Economic Diversification and Infrastructure Program (REDIP), NSERC, CiCAN – Natural Resources Internship Program, Columbia Basin Trust and Mitacs.

Kootenay Lake Geothermal (SKLCSS), Area A – Economic Development Commission Grant Application Jan 2026

Expenditure	Description	Cost	Funding Source
Geophysical Evaluation	Process Mobile MT data to create a 3D Inversion	\$8,500	RDCK Area A EDC - Amt requested \$10,000
	Evaluation & interpretation	\$5,000	REDIP (\$4,200)
	GST	\$675	
		\$14,175	Total

South Kootenay Lake Comm Service Society

PO Box 182
16150 Walkley Road
Crawford Bay, BC, V0B 1E0

Job Profit & Loss Statement

October 2025 through June 2026

Page 1

Account Name	Selected Period	FYTD 2026
REDIP 2025	Geothermal Phase 5	
Income		
REDIP Grant	\$80,641.75	\$80,641.75
Total Income	<u>\$80,641.75</u>	<u>\$80,641.75</u>
Expense		
Lab Analysis	\$9,621.88	\$9,621.88
Business & Promotion	\$84.00	\$84.00
Administration Fee	\$1,284.25	\$1,284.25
WCB	\$150.23	\$150.23
Project Contractor/Labour	\$12,501.00	\$12,501.00
Profession/Business Services	\$52,739.65	\$52,739.65
Event Facility Rental	\$52.50	\$52.50
Total Expense	<u>\$76,433.51</u>	<u>\$76,433.51</u>
Net Profit (Loss)	<u>\$4,208.24</u>	<u>\$4,208.24</u>